Title (en)

LIVER-TYPE FATTY ACID-BINDING PROTEIN PREPARATION, METHOD FOR EVALUATING PREPARATION, METHOD FOR REGULATING VARIATION RANGE OF MEASURED VALUE CAUSED BY LIVER-TYPE FATTY ACID-BINDING PROTEIN IN MEASUREMENT USING PREPARATION, LIVER-TYPE FATTY ACID-BINDING PROTEIN, DNA ENCODING PROTEIN, CELL TRANSFORMED BY DNA, METHOD FOR PRODUCING PROTEIN, METHOD FOR DRAWING CALIBRATION CURVE FOR LIVER-TYPE FATTY ACID-BINDING PROTEIN, AND METHOD FOR QUANTIFYING PROTEIN

Title (de)

PRÄPARAT AUS LEBERFETTSÄUREBINDENDEM PROTEIN, VERFAHREN ZUR BEURTEILUNG DES PRÄPARATS, VERFAHREN ZUR REGELUNG DES VARIATIONSBEREICHS EINES GEMESSENEN WERTS EINES LEBERFETTSÄUREBINDENDEN PROTEINS BEI DER MESSUNG ANHAND DES PRÄPARATS, LEBERFETTSÄUREBINDENDES PROTEIN, DNA-CODIERENDES PROTEIN, DURCH DNA TRANSFORMIERTE ZELLE, VERFAHREN ZUR PROTEINHERSTELLUNG, VERFAHREN ZUR ZEICHNUNG DER KALIBRIERKURVE FÜR LEBERFETTSÄUREBINDENDES PROTEIN UND VERFAHREN ZUR PROTEINQUANTIFIZIERUNG

Title (fr)

PRÉPARATION DE PROTÉINE DE LIAISON AUX ACIDES GRAS DU TYPE HÉPATIQUE, PROCÉDÉ D'ÉVALUATION DE LA PRÉPARATION, PROCÉDÉ DE RÉGULATION DE LA PLAGE DE VARIATION DE LA VALEUR MESURÉE PROVOQUÉE PAR LA PROTÉINE DE LIAISON AUX ACIDES GRAS DU TYPE HÉPATIQUE DANS LA MESURE À L'AIDE DE LA PRÉPARATION, PROTÉINE DE LIAISON AUX ACIDES GRAS DU TYPE HÉPATIQUE, ADN CODANT POUR LA PROTÉINE, CELLULE TRANSFORMÉE PAR L'ADN, PROCÉDÉ DE PRODUCTION DE PROTÉINE, PROCÉDÉ POUR TRACER UNE COURBE D'ÉTALONNAGE D'UNE PROTÉINE DE LIAISON AUX ACIDES GRAS DU TYPE HÉPATIQUE, ET PROCÉDÉ DE QUANTIFICATION DE LA PROTÉINE

Publication

EP 3421600 A1 20190102 (EN)

Application

EP 17813408 A 20170615

Priority

- JP 2016120073 A 20160616
- JP 2016246001 A 20161219
- JP 2017022209 W 20170615

Abstract (en)

The purpose of the present invention is to provide: a liver-type fatty acid-binding protein standard by which, in a measurement using a specifically binding substance, the range of variation of a measured value caused by a liver-type fatty acid-binding protein can be narrowed; a method of evaluating the standard; a method of drawing a calibration curve of a liver-type fatty acid-binding protein; and a method of quantifying the protein. A liver-type fatty acid-binding protein standard in which a coefficient of change in oxidation, said coefficient being represented by the ratio of a measured value obtained by using a liver-type fatty acid-binding protein standard having been subjected to an oxidation treatment with 10 mM of an oxidant for 1 hour at 25°C to a measured value obtained by using the liver-type fatty acid-binding protein standard not subjected to the oxidation treatment, is set to 1.4 or less; a liver-type fatty acid-binding protein to be used in the standard; a DNA encoding the protein; a cell transformed by the DNA; a method of producing the protein; a method of evaluating the standard; a method of regulating the variation range of a measured value in a measurement using the standard; a method of drawing a calibration curve for the protein; and a method of quantifying the protein.

IPC 8 full level

C12N 15/09 (2006.01); **C07K 14/47** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12P 21/02** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP US)

C07K 14/47 (2013.01 - EP US); **C12P 21/02** (2013.01 - EP); **G01N 33/68** (2013.01 - EP US); G01N 2440/00 (2013.01 - EP); G01N 2496/00 (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3421600 A1 20190102; **EP 3421600 A4 20190320**; **EP 3421600 B1 20201118**; CN 109121419 A 20190101; US 10981960 B2 20210420; US 2019359663 A1 20191128; WO 2017217514 A1 20171221

DOCDB simple family (application)

EP 17813408 A 20170615; CN 201780019737 A 20170615; JP 2017022209 W 20170615; US 201716087333 A 20170615